

**MONTANA STATE AVIATION SYSTEM PLAN
1995 UPDATE
FIELD INSPECTION FORM**

AIRPORT:	WHEATLAND CO. (HWQ)	AIRPORT REFERENCE CODE:	B-I (SM)
CITY:	HARLOWTON	APPROACH TYPE:	VISUAL
CONTACT:	WILL MORRIS	DATE INVENTORIED:	11-20-95
PHONE #:	632-4545	INSPECTED BY:	RSD & TLD

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 8/26 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	125'	78' (1)		NO
PARALLEL TAXIWAY FROM CENTERLINE:	150'	N/A		N/A
AIRCRAFT PARKING FROM CENTERLINE:	125'	~510'		✓
RUNWAY WIDTH:	60'	50'		NO
RUNWAY LENGTH:	5,640' (2)		4,200'	75%
RUNWAY SAFETY AREA (RSA) WIDTH:	120'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	250'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	250' W & 7:1	(3)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	250' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH		NO
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		POOR		N/A
RUNWAY 8 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	(3)		NO
APPROACH OBSTRUCTIONS:	20:1	(4)		NO
RUNWAY END ELEVATION:			4,308.2	N/A
RUNWAY 26 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	(5) & (6)		NO
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			4,258.2	N/A
RUNWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - BASE MOUNTED - ADB ALNACO			N/A
CONDITION:		POOR (7)		N/A
COLOR:	WHITE	WHITE		✓
THRESHOLD 8				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	7'		NO
COLOR:	RED/GREEN	RED/GREEN		✓
THRESHOLD 26				
DISTANCE FROM PAVEMENT EDGE:	10'	7'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	7'		NO
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS:

- (1) TURNAROUNDS ONLY 100' & 103' DEEP, THEREFORE NO HOLD LINES ARE POSSIBLE OR PRESENT
- (2) RW LENGTH OF 4,090' FOR 75%, 5,350' FOR 95%, AND 5,640' REQUIRED FOR 100% COVERAGE; ALP ULT OF 5,700' SHOWN
- (3) NONFRANGIBLE ORANGE AND WHITE MARKER IN OFA
- (4) ONE TREE AT 8% - PENETRATING 20:1, ANOTHER AT 4.5% NOT QUITE PENETRATING
- (5) AT 108' FROM RNWY END TOP OF SLOPE DOWN TO CULVERT END AND DITCH
- IN SAFETY AREA & GRADES ARE UNACCEPTABLE
- (6) CULVERT END 115' FROM CENTERLINE. GRADES IN THIS AREA MAY BE UNACCEPTABLE
- (7) 12"-HIGH LIGHTS, SIX MISSING GLOBES/BULBS

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	REQUIRED	ACTUAL	ALP	CONFORM
TAXIWAY INVENTORY				
TAXIWAY WIDTH:	25'	37'		✓
TAXIWAY SAFETY AREA WIDTH:	49	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	89	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	44.5	73'		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH		NO
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		POOR		N/A
TAXIWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	NONE (1)		N/A
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	↓		
TYPE:				
CONDITION:				
COLOR:	BLUE	▼		

MISCELLANEOUS

TYPE OF BEACON:	~50' HIGH ON METAL TOWER
SIZE OF BEACON:	12"
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	2 END: OLD ADB ALNACO VASI IN FAIR COND
WINDCONE (CONDITION & COMPLIANCE):	NEAR APRON 355' OFF CL, LIGHTED, ~25', FAIR COND
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	METAL PANELS IN FAIR COND
WINDCONE (CONDITION & COMPLIANCE):	ABANDON POLE FOR WIND-SOCK IN SAME AREA
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	NONE
FENCING:	OK
SIGNS: (TYPE, CONDITION, PLACEMENT)	NONE

COMMENTS:

(1) ENTRANCE BLUE LIGHTS ONLY
